



Recombinant Human Histone RNA hairpin-binding protein (SLBP)

Product Code	CSB-EP613502HU-B
Abbreviation	SLBP
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q14493
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MACRPRSPPR HQSRCGDGAS PPSPARWSLG RKRRADGRRW RPEDAEAEAH RGAERPESF TTPEGPKPRS RCSDWASAVE EDEMTRVVK EMARYKRKLL INDFGRERKS SSGSSDSKES MSTVPADFET DESVLMRRQK QINYGKNTIA YDRYIKEVPR HLRQPGIHPK TPNKFKKYSR RSWDQQIKLW KVALHFWDPP AEEGCDLQEI HPVDLESAES SSEPQTSSQD DFDVYSGTPT KVRHMDSQVE DEFMLEACT EPLRDFSAMS
Source	E.coli
Target Names	SLBP
Protein Names	Recommended name: Histone RNA hairpin-binding protein Alternative name(s): Histone stem-loop-binding protein
Expression Region	1-270
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes a protein that binds to the stem-loop structure in replication-dependent histone mRNAs. Histone mRNAs do not contain introns or polyadenylation signals, and are processed by endonucleolytic cleavage. The stem-loop structure is essential for efficient processing but this structure also controls the transport, translation and stability of histone mRNAs. Expression of the protein is regulated during the cell cycle, increasing more than 10-fold during the latter part of G1.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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